

LIST OF NONDOMESTIC PRODUCTS

RUS POLICY ON THE FINANCING OF PRODUCTS WHICH HAVE RECEIVED AN RUS LETTER OF TECHNICAL ACCEPTANCE

Products that do not meet the "Buy American" provision of 1938, as amended, are not included in the RUS List of Materials. Instead these products receive a letter of technical acceptance from RUS and are included on this list for non-domestic products. You may find the "Buy American" provision at http://www.usda.gov/rus/regs/info/100-1/buy_american.htm.

For RUS financing of a product RUS requires that the product complies with the "Buy American" provision and that the product either has been determined acceptable by RUS or has received an RUS letter of technical acceptance. For more information on RUS requirements for product acceptance or technical acceptance see RUS listing procedures at <http://www.usda.gov/rus/telecom/materials/listing/listing.htm>. A product complying with both of the provisions listed below complies with this "Buy American" provision and is considered a domestic product by RUS. If the product does not meet either of the two conditions, the product is then classified as non-domestic for purposes of RUS financing. These conditions are:

- (1) Final assembly or manufacture of the product, as the product would be used by an RUS borrower, is completed in the United States or eligible countries (currently, Mexico, Canada and Israel); and
- (2) The cost of United States and eligible countries' components (in any combination) within the product is more than 50 percent of the total cost of all components utilized in the product. The cost of non-domestic components (components not manufactured within the United States or eligible countries) which are included in the finished product must include all duties, taxes, and delivery charges to the point of assembly/manufacture.

A bid for a non-domestic product is considered to be in compliance with the "Buy American" provision by RUS if the non-domestic bid is lower than the lowest domestic bid by at least six percent of the cost of the material content of the non-domestic bid. This six percent cost differential is added to the non-domestic bid for the purpose of determining the low bid only.

sc - Buried Cable

RUS Standard Designations "BFC", "CW", and "UF" (Filled) 7 CFR 1755.390
These manufacturers' cables shown by catalog designations comply with 7 CFR 1755.390

RUS Standard Suffixes

<u>Manufacturer</u>	<u>A(1)</u>	<u>C(1)</u>	<u>Y(1)</u>	<u>X(1)</u>	<u>H(1)</u>	<u>H1C(2)</u>	<u>P(1)</u>
Hesfibel	HF-SPF	-	HF-SPFY	HF-SPFX	-	-	-

(Technical Acceptance expires on 09/30/05.)

Suffixes

Coated Aluminum Shield-----	A
5 Mil Copper Shield-----	C
Gopher-Resistant Shield Containing Copper-----	Y
Gopher-Resistant Shield/Armor Design -----	X
Screened Cable for T1 Carrier-----	H
Screened Cable for T1C Carrier-----	H1C
Preconnectorized Cable 100 pairs and greater-----	P

Notes:

(1)Available in 19 through 26 AWG conductor sizes.

(2)Available in 19 through 24 AWG conductor sizes.

sc - Buried Cable

RUS Standard Designations "BFC", "CW", and "UF" (Expanded Insulation - Filled) 7 CFR 1755.890
These manufacturers' cables shown by catalog designations comply with 7 CFR 1755.890

RUS Standard Suffixes

<u>Manufacturer</u>	<u>A(1)</u>	<u>C(1)</u>	<u>Y(1)</u>	<u>X(1)</u>	<u>H(1)</u>	<u>H1C(2)</u>	<u>P(1)</u>
Hesfibel ⁽³⁾	HF-FPF	-	HF-FPFY	HF-FPFX	-	-	-

(Technical Acceptance expires on 09/30/05.)

Suffixes

Coated Aluminum Shield-----A
5 Mil Copper Shield-----C
Gopher-Resistant Shield Containing Copper-----Y
Gopher-Resistant Shield/Armor Design -----X
Screened Cable for T1 Carrier-----H
Screened Cable for T1C Carrier-----H1C
Preconnectorized Cable 100 pairs and greater-----P

Notes:

- (1)Available in 19 through 26 AWG conductor sizes.
- (2)Available in 19 through 24 AWG conductor sizes.
- (3)Accepted for only foam/skin.

oc - Fiber Optic Cable

RUS Standard Designations "BFO", "CO", and "UO" (Filled) 7 CFR 1755.900

These manufacturers' cables shown by catalog designations comply with 7 CFR 1755.900

oc-b Gel-Filled Multiple Loose Tube Fiber Core Construction⁽³⁾

RUS Standard Suffixes

<u>Manufacturer</u>	<u>Cable Construction</u>					<u>Mode</u>	
	<u>E(1)</u>	<u>F(1)</u>	<u>G</u>	<u>H</u>	<u>P(2)</u>	<u>s</u>	<u>m</u>
Samsung ⁽⁴⁾	SC-LMN/100	SC-LMN/100	-	SC-LMA/100 ⁽⁵⁾	-	X	-

(Technical Acceptance expires on 10/31/04.)

Suffixes:

- A - Nonarmored with Metallic Strength Members Embedded in Jacket
- B - Nonarmored with Dielectric Strength Members Embedded in Jacket
- C - Armored with Metallic Strength Members Embedded in Jacket
- D - Armored with Dielectric Strength Members Embedded in Jacket
- E - Nonarmored with Metallic Central Strength Member
- F - Nonarmored with Dielectric Central Strength Member
- G - Armored with Metallic Central Strength Member
- H - Armored with Dielectric Central Strength Member
- P - Preconnectorized Cable
- s- Single Mode
- m - Multimode

Notes:

⁽¹⁾Aerial and duct use only.

⁽²⁾Replace (X) with the manufacturer's catalog designation shown in the listing for Cable Construction Types E through H.

⁽³⁾May contain multiple fibers per tube.

⁽⁴⁾Accepted only for dispersion-unshifted single mode optical fibers.

⁽⁵⁾Single armor, double jacket design only.

oc - Fiber Optic Cable

RUS Standard Designations "BFO", "CO", and "UO" (Filled) 7 CFR 1755.900

These manufacturers' cables shown by catalog designations comply with 7 CFR 1755.900

oc-d Dry-Filled Multiple Loose Tube Fiber Core Construction⁽³⁾⁽⁴⁾

RUS Standard Suffixes

<u>Manufacturer</u>	<u>Cable Construction</u>					<u>Mode</u>	
	<u>E(1)</u>	<u>F(1)</u>	<u>G</u>	<u>H</u>	<u>P(2)</u>	<u>s</u>	<u>m</u>
Samsung ⁽⁵⁾	SC-LMN/200	SC-LMN/200	SC-LMA/200 ⁽⁶⁾	SC-LMA/200 ⁽⁶⁾	-	X	-

(Technical Acceptance expires on 10/31/04.)

Tahian ⁽⁵⁾	-	TEC-DU	-	TEC-DB	-	X	-
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(Technical Acceptance expires on 10/31/04.)

Suffixes:

- A - Nonarmored with Metallic Strength Members Embedded in Jacket
- B - Nonarmored with Dielectric Strength Members Embedded in Jacket
- C - Armored with Metallic Strength Members Embedded in Jacket
- D - Armored with Dielectric Strength Members Embedded in Jacket
- E - Nonarmored with Metallic Central Strength Member
- F - Nonarmored with Dielectric Central Strength Member
- G - Armored with Metallic Central Strength Member
- H - Armored with Dielectric Central Strength Member
- P - Preconnectorized Cable
- s- Single Mode
- m - Multimode

Notes:

- ⁽¹⁾Aerial and duct use only.
- ⁽²⁾Replace (X) with the manufacturer's catalog designation shown in the listing for Cable Construction Types E through H.
- ⁽³⁾May contain multiple fibers per tube.
- ⁽⁴⁾Cable uses a "Water Blocking Tape" in place of a "Gel Compound" as the filling compound surrounding the multiple loose tube buffers in the cable core.
- ⁽⁵⁾Accepted only for dispersion-unshifted single mode optical fibers.
- ⁽⁶⁾Single armor, double jacket design only.

drk – Damage Repair Kits⁽¹⁾

Manufacturer

Type Designation

Tyco

GS3-1650 Closure Series

Note: ⁽¹⁾Damage repair kits are for RUS new construction purposes only.

(Technical Acceptance expires on 03/2/07.)

cm - Connectors

Manufacturer

Catalog Number

Splicing Connectors for Copper Conductors

	<u>Connector Modules (10-Pair)</u>		
	<u>Straight Splice</u>	<u>Bridge Splice</u>	<u>Half-Tap Splice</u>
Tyco Electronics ⁽¹⁾ (AMP STACK)	737865-2 1-737865-2		737867-2 1-737867-2
	<u>Connector Modules (20-Pair)</u>		
	<u>Straight Splice</u>	<u>Bridge Splice</u>	<u>Half-Tap Splice</u>
Tyco Electronics ⁽¹⁾ (AMP STACK)	737861-2 1-737861-2		737863-2 1-737863-2
	<u>Connector Modules (25-Pair)</u>		
	<u>Straight Splice</u>	<u>Bridge Splice</u>	<u>Half-Tap Splice</u>
Tyco Electronics ⁽¹⁾ (AMP STACK)	737830-2 1-737830-2	737832-2 1-737832-2	737834-2 1-737834-2

Notes:

⁽¹⁾All listed Tyco Electronics modules may use the appropriate grease boxes (737823-1 and 737823-2).

(Technical Acceptance expires on 06/24/05.)

nh – Arrester Units⁽¹⁾

nh-a Gas Tubes

<u>Manufacturer</u>	<u>MDF Module</u>	<u>Station Module</u>	<u>Well Mount</u>
Bourns, Inc.	-	2022-60-A ⁽²⁾⁽⁵⁾	-

(Technical Acceptance expires on 05/18/07.)

Notes:

⁽¹⁾Arresters listed under this category are not complete protected building entrance terminals (BETs), mainframe protectors, or network interface devices (NIDs). They are intended for use as components, as accepted and listed or technically accepted, in protected BETs, mainframe protectors, and NIDS. Arrester units here shall not be used in an accepted and listed or technically accepted BET, mainframe protector, or NID unless the same arrester unit is accepted and listed or technically accepted for use in the particular BET, mainframe protector, or NID having RUS acceptance and listing or technical acceptance.

⁽²⁾2-electrode.

⁽³⁾3-electrode.

⁽⁴⁾Medium duty.

⁽⁵⁾Heavy duty.

⁽⁶⁾Maximum duty.

ae – Access Equipment

<u>Manufacturer</u>	<u>Product</u>	<u>Copper</u>	<u>Fiber</u>	<u>Wireless</u>
Alcatel	7340 FTTU System ⁽¹⁾	N	Y	N

(Technical Acceptance expires on 05/27/05.)

⁽¹⁾The Alcatel 7340 FTTU System includes the 7340 H-ONT Home Optical Network Terminal, the 7340 P-OLT Packet Optical Line Terminal, the 7340 V-OLT Video Optical Line Terminal, and the 7340 AMS Access Management System.

<u>Manufacturer</u>	<u>Product</u>	<u>Copper</u>	<u>Fiber</u>	<u>Wireless</u>
Alloptic	GigaForce ⁽¹⁾	N	Y	N

(Technical Acceptance expires on 10/29/04.)

⁽¹⁾Gigabit Ethernet Access Routers (GEAR) includes edgeGEAR, homeGEAR, bizGEAR, and mduGEAR.

te - Transport Equipment

<u>Manufacturer</u>	<u>Product</u>	<u>Bit Rate</u>	<u>RF Band</u>
AFC	TransMAX 1500	OC-48	
(Technical Acceptance expires on <u>05/27/06.</u>)			
Cisco Systems	Cisco 15327	OC-12/48	
(Technical Acceptance expires on <u>01/29/06.</u>)			
Fujitsu	FLASHWAVE® 4500	OC-48/192	
(Technical Acceptance expires on <u>06/26/06</u>)			
Fujitsu	FLM 600 ADM	OC-12	
(Technical Acceptance expires on <u>09/24/04</u>)			
Fujitsu	FLM 150 ADM	OC-3/12	
(Technical Acceptance expires on <u>09/24/04</u>)			